sonar

projetoSDTeste
1.0

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1. projetoSDTeste

This chapter presents an overview of the project measures. This dashboard shows the most important measures related to project quality, and it provides a good starting point for identifying problems in source code.

1.1. Report Overview

Static Analysis

Lines of code	**Comments**	**Complexity**
615 ⬆	**13.3%** ⬆	**4.2**
N/A packages	**94 comment lines**	**25.3 /class**
4 classes		**101 decision points**
24 methods		
42.8% duplicated lines		

Dynamic Analysis

Code Coverage	**Test Success**
N/A	**N/A**
N/A tests	**N/A failures**
	N/A errors

Coding Rules Issues

Technical Debt	**Issues**
2d 6h ⬆	**134** ⬆

1.2. Issues Analysis

Most violated rules	
Resources should be closed	13
Throwable.printStackTrace(...) should not be called	15
Exception handlers should preserve the original exception	12
Instance methods should not write to "static" fields	4
Standard outputs should not be used directly to log anything	31

Most violated files	
P4.java	37
P1.java	33
P2.java	32
P3.java	31
sonar-project.properties	1

Most complex files	
P4.java	27
P1.java	25
P2.java	25
P3.java	24

Most duplicated files	
P4.java	104
P2.java	92
P3.java	84
P1.java	67

1.3. Issues Details

Rule	Resources should be closed	
File		**Line**
projetoSD:P1.java		95, 62, 78, 70
projetoSD:P2.java		107, 61, 69, 89
projetoSD:P3.java		61, 106, 88
projetoSD:P4.java		134, 153

Rule	Throwable.printStackTrace(...) should not be called	
File		**Line**
projetoSD:P1.java		140, 150, 45, 86
projetoSD:P2.java		152, 45, 98
projetoSD:P3.java		45, 151, 97
projetoSD:P4.java		144, 45, 215, 224, 203

Rule	Exception handlers should preserve the original exception	
File		Line
projetoSD:P1.java		85, 139, 44
projetoSD:P2.java		44, 151
projetoSD:P3.java		44, 150, 96
projetoSD:P4.java		143, 202
projetoSD:P2.java		97
projetoSD:P4.java		44

Rule	Instance methods should not write to "static" fields	
File		Line
projetoSD:P1.java		131
projetoSD:P2.java		143
projetoSD:P3.java		142
projetoSD:P4.java		189

Rule	Standard outputs should not be used directly to log anything	
File		Line
projetoSD:P2.java		129, 124, 117
projetoSD:P3.java		120, 116, 132, 138, 123, 141, 128
projetoSD:P4.java		193, 163, 217, 226, 175, 167, 179, 170, 185, 188

Rule	"@Override" annotation should be used on any method overriding (since Java 5) or implementing (since Java 6) another one	
File		Line
projetoSD:P1.java		93, 37, 55
projetoSD:P2.java		105, 37, 55
projetoSD:P3.java		37, 55, 104
projetoSD:P4.java		55, 37, 151

Rule	Unused private fields should be removed	
File		Line
projetoSD:P1.java		23, 17
projetoSD:P2.java		23, 17

projetoSD:P3.java	23, 17
projetoSD:P4.java	23

Rule	Control flow statements "if", "for", "while", "switch" and "try" should not be nested too deeply	
File	Line	
projetoSD:P1.java	107	
projetoSD:P2.java	119, 86	
projetoSD:P3.java	118, 85	
projetoSD:P4.java	165, 106	

Rule	Source files should not have any duplicated blocks	
File	Line	
projetoSD:P1.java	N/A	
projetoSD:P2.java	N/A	
projetoSD:P3.java	N/A	
projetoSD:P4.java	N/A	

Rule	Lambdas and anonymous classes should not have too many lines	
File	Line	
projetoSD:P1.java	54	
projetoSD:P2.java	54	
projetoSD:P3.java	54	
projetoSD:P4.java	54	